



IFW

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q92075

Hiroyuki KANO, et al.

Appln. No.: 10/563,107

Group Art Unit: Not yet assigned

Confirmation No.: Not yet assigned

Examiner: Not yet assigned

Filed: January 03, 2006

For: BONE MASS INCREASING INDUCER

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT
U.S. Appln. No.: 10/563,107

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for the four foreign language documents cited in the International Search Report, Applicant encloses herewith a copy of the International Search Report indicating the degree of relevance found by the International Bureau.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for the other foreign language documents being cited here, Applicant submits the following explanations:

JP-A-2002-47184:

The above document is described on page 6 of the present specification. Also, Applicants have supplied an English abstract.

JP-A-2000-309591:

The above document is described on page 6 of the present specification. Also, Applicants have supplied an English abstract.

JP-A-2001-151775:

The above document is described on page 6 of the present specification. Also, Applicants have supplied an English abstract.

JP-A-2001-151774:

The above document is described on page 6 of the present specification. Also, Applicants have supplied an English abstract.

INFORMATION DISCLOSURE STATEMENT
U.S. Appln. No.: 10/563,107

JP-A-9-188622:

The above document is described on page 6 of the present specification. Also,
Applicants have supplied an English abstract.

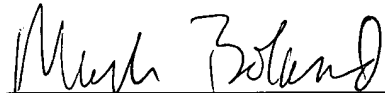
JP-A-2001-163862:

An English abstract is attached with the above document.

The submission of the listed documents is not intended as an admission that any such
document constitutes prior art against the claims of the present application. Applicant does not
waive any right to take any action that would be appropriate to antedate or otherwise remove any
listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue
Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any
overpayments to said Deposit Account.

Respectfully submitted,



Mark Boland
Registration No. 32,197

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

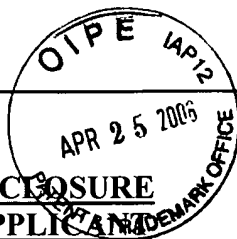
CUSTOMER NUMBER

Date: April 25, 2006

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)



Complete if Known

Application Number	10/563,107
Confirmation Number	Not yet assigned
Filing Date	January 03, 2006
First Named Inventor	Hiroyuki KANOH
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	Q92075

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 2001/0003745	A1	06/14/2001	Schmidt et al.
		US 2005/0096322	A1	05/05/2005	Igarashi et al.
		US 2003/0216358	A1	11/20/2003	Muchmore et al.
		US 6,346,521	B1	02/12/2002	Sohda et al.
		US 6,355,672	B1	03/12/2002	Yasuma et al.
		US 5,910,492	A	06/08/1999	Hoshino et al.
		US 6,552,054	B1	04/22/2003	Yasuma et al.
		US 2003/0158245	A1	08/21/2003	Yasuma et al.
		US 6,066,658	A	05/23/2000	Yasuma et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		CA	2 367 051	A1	10/12/2000		English
		WO	96/07417	A1	03/14/1996		English
		JP	2001-163862	A1	06/19/2001		English abstract
		JP	2002-47184	A	02/12/2002		English abstract
		JP	2000-309591	A	11/07/2000		English abstract
		JP	2001-151775	A	06/05/2001		English abstract
		JP	2001-151774	A	06/05/2001		English abstract
		JP	9-188622	A	07/22/1997		English abstract
		JP	2001-507338	A	06/05/2001		No
		JP	2002-541095	A	12/03/2002		No
		JP	2004-2318	A	01/08/2004		No
		JP	2004-504351	A	02/12/2004		No

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Uri A. Liberman et al., "EFFECT OF ORAL ALENDRONATE ON BONE MINERAL DENSITY AND THE INCIDENCE OF FRACTURES IN POSTMENOPAUSAL OSTEOPOROSIS" (1995), The New England Journal of Medicine, Vol. 333, No. 22, pp. 1437-1443	
		Michael R. McClung et al., "EFFECT OF RISEDRONATE ON THE RISK OF HIP FRACTURE IN ELDERLY WOMEN" (2001), The New England Journal of Medicine, Vol. 344, No. 5, pp. 333-340	
		Abstracts: Plenary Lectures/IBMS - JSBMR (2003), pp S69	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

		D.B. Lauritzen et al., "Effects of Combined Prostaglandin and Alendronate Treatment on the Histomorphometry and Biomechanical Properties of Bone in Ovariectomized Rats" (1993), Journal of Bone and Mineral Research, Vol. 8, No. 7, pp. 871-879	
		Xu Wu et al., "A Small Molecule with Osteogenesis-Inducing Activity in Multipotent Mesenchymal Progenitor Cells" (2002), J. Am. Chem. Soc., Vol. 124, No. 49, pp. 14520-14521	
		International Search Report dated October 5, 2004	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.